

IN THE CLAIMS

Please amend the claims as follows:

1. (original) Method for fabrication of an electric incandescent lamp, comprising the steps of:

- coiling a first coil of a wire having diameter  $d$  around a first mandrel having diameter  $M1$  with a first pitch and a first number of turns;
- winding said first coil around a second mandrel having diameter  $M2$  with a second pitch and a second number of turns to form a coiled coil filament;
- arranging means for electrically and structurally mounting a filament within a light permeable envelope;
- arranging the coiled coil filament within the envelope, coupled to and supported by the means for mounting;
- hermetically sealing said envelope, characterized by heating the coiled coil filament above its recrystallization temperature within the envelope for recrystallization of said coiled coil.

2. (original) Method according to claim 1, the filament wire having diameter  $d$ , wherein the primary and secondary winding have primary and secondary mandrel-to-wire ratios  $Y1$  and  $Y2$ , wherein:

$Y1 = M1/d \geq 3$ ; and

$Y2 = M2/(M1 + 2d) \geq 3$ .

3. (currently amended) Method according to claim 1-~~or~~2, comprising the further steps of:

- annealing the first coil at a first annealing temperature after coiling thereof;
- cleaning the coiled coil filament in a wet gas;
- heat treating the coiled coil filament in a dry gas atmosphere to release stresses therein;
- removing the first mandrel by inserting the coiled coil filament in acid.

4. (currently amended) Method according to claim 1-~~or~~3, wherein  $Y1 = M1/d > 4$  and  $Y2 = M2/(M1+2d) > 4$ .

5. (currently amended) Method according to claim 1-~~or~~4, wherein  $Y1 \leq 8$  and/or  $Y2 \leq 8$ .

6. (original) Electric incandescent lamp, comprising:

- a hermetically sealed light permeable envelope;
- means for electrically and structurally mounting a filament within the envelope; and

- a coiled coil filament coupled to and supported by the means for mounting, comprising a filament wire having diameter d, wherein the primary and secondary winding have primary and secondary mandrel-wire ratios Y1 and Y2, wherein:

$$Y1 = M1/d > 4; \text{ and}$$

$$Y2 = M2/(M1 + 2d) > 4,$$

wherein M1 is the primary mandrel diameter and M2 is the secondary mandrel diameter.

7. (original) Lamp according to claim 6, wherein  $Y1\# \leq 8$  and/or  $Y2\# \leq 8$ .

8. (currently amended) Lamp according to claim 6 ~~or 7~~, wherein  $Y1 \geq \$4.5$  and/or  $Y2 \geq \$4.5$ .

9. (original) Lamp according to claim 6, wherein  $Y1\# \leq 6$  and/or  $Y2\# \leq 6$ .

10. (currently amended) Lamp according to ~~any of the previous claims~~ claim 6, wherein the envelope is filled with a gas comprising halogen.

11. (currently amended) Lamp according to ~~any of the previous~~  
~~claims~~claim 1, wherein the wire is a tungsten wire.